

STANLEY "BED ROCK" PLANES.

The absolute solidity and one-piece effect of the "Bed Rock" Plane is as much a fact as if the parts were all one, for the reason that the entire under surface of the Frog is in perfect contact with the solid seat cast in the Plane Bottom. The Frog and the Bottom are so perfectly fitted together that, from the Plane Iron to the Bottom, the Plane is as one solid piece of metal. This form of construction positively prevents any chance of vibration.

The Frog is made with a tongue on the under side, which fits in a groove in the Plane Body. This tongue and groove are made to conform, so that when adjustment is necessary the tongue of the Frog travels in the groove, which insures its being square with the mouth of the Plane, thus preventing any possible shifting or "wobbling." It is held to its seat by means of two pins of large diameter "A," each of these having a tapered hole near the lower end. The two Frog clamping screws "B" have tapered points. These points fit in the holes in the pins "A." The center of the tapered hole in these pins is slightly above the center line of the Frog clamping screws, so that when these screws are driven in, they produce the effect of a wedge, drawing the pins downward, and clamping the Frog absolutely rigid in its place. If, for any reason, these Frog pins "A" should be taken out of the Plane, care must be used in replacing them to see that the tapered holes come in line with the points of the Frog clamping screws "B." (See cut.)

For the purpose of opening or closing the mouth, as coarse or fine work may require, the frog may be adjusted either forward or backward without removing the Lever and Cutter. Simply slacken the tension of the two Frog clamping screws "B," and with a screw driver adjust the Frog as desired by means of the Frog adjusting screw "C" in the center, then tighten the Frog clamping screws "B." (See cut.)

Particular attention is called to the shape of the sides of the Plane. This distinctive feature adds greatly to its strength and stiffness as well as affording large bearing surfaces when the Plane is used on its sides.



N° 603



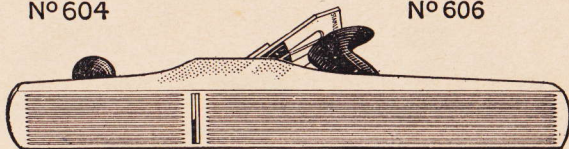
N° 605



N° 604



N° 606



N° 607 C

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The cutter which is thin and of uniform thickness, backed by the absolutely rigid Frog, is a prominent feature of the "Bed Rock" Plane. Briefly its advantages are: 1. Ease in grinding. 2. Less grinding, as a thin cutter can be kept in condition by honing. 3. Less tendency to "stub off" the cutting edge when honing, hence the original bevel is kept much longer.

It is adjustable endwise by means of the adjusting nut at the back of the Frog, and is also adjustable sidewise by a lever located near the top and at the back of the cutter. It is made of the finest quality English steel, tempered and ground by an improved process, and honed ready for use.

The Handle and Knob are made of thoroughly seasoned rosewood, and highly finished. The shape of the Knob is such as to permit of an easy and firm grip.

All "Bed Rock" Planes have the name "Bed Rock" cast in the Bottom, and on the face of the lever, and the name Stanley is stamped on the cutter.

Planes with bottoms either flat or corrugated (see Cut 607C) furnished as desired. The number with a "C" designates Corrugated Bottom.

No.	or	Smooth	7 in. long	1 7/8 in. Cutter	Wgt. 2 1/4 lbs.	Each
602	602 C	"	8 "	1 3/4 "	" 3 1/4 "	\$2 20
603	603 C	"	9 "	2 "	" 3 5/8 "	2 30
604	604 C	"	10 "	2 1/2 "	" 4 3/4 "	2 50
604 1/2	604 1/2 C	"	14 "	2 "	" 4 1/2 "	3 00
605	605 C	Jack	15 "	2 1/4 "	" 6 1/2 "	3 00
605 1/2	605 1/2 C	"	18 "	2 3/8 "	" 7 3/8 "	3 50
606	606 C	Fore	22 "	2 3/8 "	" 8 3/4 "	3 75
607	607 C	Jointer	24 "	2 3/8 "	" 9 3/4 "	4 40
608	608 C	"	"	"	"	5 25